

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference A30337 WO	FOR FURTHER ACTION	
	see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/GB2004/003331	International filing date (day/month/year) 30/07/2004	(Earliest) Priority Date (day/month/year) 15/08/2003
Applicant BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. Certain claims were found unsearchable (See Box II).

3. Unity of invention is lacking (see Box III).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 1

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

- b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

GB2004/003331

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L12/28 H04L12/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/89142 A (ELLIOT RICHARD JOHN ; BAND X LTD (GB); PANTER NIGEL (GB); PANTER TIMOT) 22 November 2001 (2001-11-22) abstract page 2, line 6 - page 3, line 9 page 5, line 6 - line 27 page 6, line 14 - line 18 page 30, line 7 - line 17 page 31, line 10 - page 32, line 3 page 34, line 29 - page 35, line 18 page 35, line 30 - line 31 page 36, line 11 - page 38, line 21	1-18
A	DE 101 25 017 A (SIEMENS AG) 5 December 2002 (2002-12-05) abstract claim 1 paragraph '0034! - paragraph '0038!	1-18 -/-

 Further documents are listed in continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- 'A* document defining the general state of the art which is not considered to be of particular relevance
- 'E* earlier document but published on or after the International filing date
- 'L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- 'O* document referring to an oral disclosure, use, exhibition or other means
- 'P* document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

28 September 2004

05/10/2004

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

GB2004/003331

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 560 334 B1 (HAAS JR ROBERT EXUM ET AL) 6 May 2003 (2003-05-06) abstract claims 1,2 -----	1-18
A	US 6 452 922 B1 (HO ANTHONY) 17 September 2002 (2002-09-17) abstract claims 1,3 figure 3 -----	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

GB2004/003331

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0189142	A	22-11-2001		AU 5853401 A EP 1284066 A2 WO 0189142 A2 GB 2363285 A ,B GB 2382950 A ,B US 2003191841 A1		26-11-2001 19-02-2003 22-11-2001 12-12-2001 11-06-2003 09-10-2003
DE 10125017	A	05-12-2002		DE 10125017 A1 WO 02095637 A2		05-12-2002 28-11-2002
US 6560334	B1	06-05-2003		US 6028928 A BR 9812548 A CA 2302583 A1 WO 9917558 A1		22-02-2000 25-07-2000 08-04-1999 08-04-1999
US 6452922	B1	17-09-2002		AT 260008 T AU 4687599 A CA 2335360 A1 DE 69914905 D1 DE 69914905 T2 EP 1086557 A1 JP 2002524890 T WO 9966682 A1 US 6717937 B1 US 2004179515 A1		15-03-2004 05-01-2000 23-12-1999 25-03-2004 29-07-2004 28-03-2001 06-08-2002 23-12-1999 06-04-2004 16-09-2004



Application No: GB 0319251.5

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17 December 2003

If you wish to file amended claims for inclusion with the published application you must do so before the preparations for publication are completed. If you write to the Office less than 3 weeks before 11 January 2005 please mark your letter prominently:

"URGENT - PUBLICATION IMMINENT".

Yours faithfully

Kalim Yasseen
Examiner



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Your Reference: A30337
Application No: GB 0319251.5
17 December 2003

Dear Sirs

Patents Act 1977: Search Report under Section 17(5)

I enclose two copies of my search report and a copy of the citations.

Publication

I estimate that, provided you have met all the formal requirements, preparations for publication of your application will be completed soon after **11 January 2005**. At this time you will receive a letter confirming the exact date when the preparations for publication will be completed. This letter will also tell you the publication number and date of publication of your application.

Withdrawal/amendment

If you wish to withdraw your application before it is published you must do so before the preparations for publication are complete. **WARNING** - after preparations for publication are complete it will NOT be possible to withdraw your application from publication.

[†]**Use of E-mail:** Please note that e-mail should be used for correspondence only.



Application No: GB 0319251.5
Claims searched: 1-16

Examiner: Kalim Yasseen
Date of search: 16 December 2003

Patents Act 1977 : Search Report under Section 17

Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
X	at least 1, 2, 9, 10	US6502125 B1 (KENNER) system for optimised storage and retrieval of data on a distributed network, a service provider selects the most suitable delivery site, see whole document especially claim 1, column 9 line 57 et seq
X	at least 1, 2, 9, 10	US2003/0145007 A1 (KENNER) system for optimised storage and retrieval of data on a distributed computer network, optimum sites are selected for data download, see claim 1, paragraphs 007, 0018, 0025-0029, 0031, 0034, 0036, 0037, 0075-0085

Categories:

- | | |
|---|--|
| X Document indicating lack of novelty or inventive step | A Document indicating technological background and/or state of the art. |
| Y Document indicating lack of inventive step if combined with one or more other documents of same category. | P Document published on or after the declared priority date but before the filing date of this invention. |
| & Member of the same patent family | E Patent document published on or after, but with priority date earlier than, the filing date of this application. |

Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKCV:

G4A

Worldwide search of patent documents classified in the following areas of the IPC⁷:

G06F

The following online and other databases have been used in the preparation of this search report:

Online: EPODOC, FULLTEXT, JAPIO, WPI